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Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

PTO/SB/05 (4/98)

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

Only for new nonprovisional applications under 37 CFR 1.53(b)

Attorney Docket No. 16356.548 (DC-02456)

First Named Inventor or Application Identifier

Douglas G. Macnair, Jr. et al.

Express Mail Label No.

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages 19]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets 5]
4. Oath or Declaration [Total Pages 3]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting Inventor(s) named in the prior application, see 37 CFR 1.63(d) and 1.33 (b).
5. ☐ Incorporation By Reference (usable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being a part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☒ Information Disclosure ☒ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEM 503)  
(Should be specifically itemized)
14. ☐ Small Entity ☐ Statement filed in prior  
application  
Statement(s) Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)  
(if foreign Priority is claimed)
16. ☒ Other: Express Mail Certificate

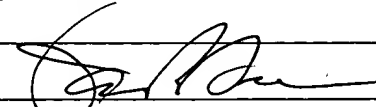
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_\_, filed: \_\_\_\_\_  
prior application information: Examiner \_\_\_\_\_ Group/Art Unit \_\_\_\_\_

**18. CORRESPONDENCE ADDRESS**

☐ Customer Number or Bar Code Label

or ☒ Correspondence address below

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Signature				Date	9-22-00

a-103496

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**FEE TRANSMITTAL  
for FY 2000**

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.

**TOTAL AMOUNT OF  
PAYMENT** (\$)**730.00**

**Complete if Known**

Application Number	N/A
Filing Date	Herewith
First Named Inventor	Douglas G. Macnair et al
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	16356.548 (DC-02456)

**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit over payment to:

Deposit Account Number

08-1394

Deposit Account Name

Haynes and Boone

☐ Charge Any AdditionalFee Required Under  
37 CFR 1.16 and 1.17☐ Charge the Issue Fee in37 CFR 1.18 at the Mailing  
of the Notice of Allowance

2. ☒ Payment Enclosed:

☒ Check☐ Money Order☐ Other**FEE CALCULATION****1. FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	690	201	345	Utility filing fee	690
106	310	206	155	Design filing fee	
107	480	207	240	Plant filing fee	
108	690	208	345	Reissue filing fee	
114	150	214	75	Provisional filing fee	

**SUBTOTAL (1)** (\$)**690.00****2. CLAIMS**

Total Claims	Extra	Fee	Fee Paid
19	-20	0	18 = 0.00
3	-3	0	78 = 0.00
Multiple Dependent Claims	0	0	260 = 0.00

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	303	9	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple dependent claim
109	78	209	39	Reissue independent claims over original patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$)**0.00****FEE CALCULATION (continued)****410. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2520	147	2520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1840*	113	1840*	Request publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	380	216	190	Extension for reply within second month	
117	870	217	435	Extension for reply within third month	
118	1360	218	680	Extension for reply within fourth month	
128	1850	228	925	Extension for reply within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a Brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1510	138	1510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1210	241	605	Petition to revive- unintentional	
142	1210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Statement	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
146	690	246	345	Filing a submission after final rejection (37 CFR 1.129(a))	
149	690	249	345	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify)

Other fee (specify)

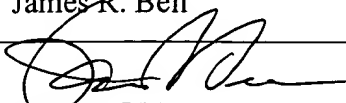
\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$)**40.00****SUBMITTED BY**

Typed or Printed Name

James R. Bell

Signature



Date

9-22-00

**Complete (if applicable)**

Reg. No.

26,528

Deposit Account User ID

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**WARNING:**

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of Time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, DC 20231.

10841 U.S. PTO  
09/668611

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002260 "T" 9389960

EXPRESS MAIL NO.: EE308375563US

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This paper and fee are being deposited with the U.S. Postal Service Express Mail Post Office to Addressee service under 37 CFR §1.10 on the date indicated above and is addressed to: Box PATENT APPLICATION, Commissioner for Patents, Washington, D.C. 20231

Dolly Milleson  
Name of person mailing paper and fee

Dolly Milleson  
Signature of person mailing paper and fee

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002260-198960

6-25-00



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PATENT

Docket Number: DC-02456 (16356.548)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Douglas G. Macnair, Jr. et al.

Serial No. N/A

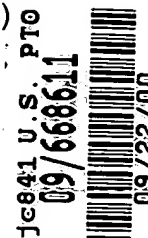
Filed: Herewith

For: INSTANT INTEGRATION MODEL

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Examiner: N/A

Group Art Unit: N/A



Box Patent Application  
Commissioner for Patents  
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

Express Mail Number: EE308375563US

Date of Deposit: 9/22/00

I hereby certify that the following attached papers and fee:

1. Utility Patent Application Transmittal Sheet;
2. Fee Transmittal Sheet (in duplicate);
3. Patent Application consisting of 13 pages of Specification, 5 pages of Claims and 1 page Abstract of Disclosure;
4. 5 Drawing sheets;
5. Declaration and Power of Attorney;
6. Assignment and Recordation Cover Sheet;
7. Information Disclosure Statement with cited references;
8. Check in the amount of \$730.00 (\$690.00 for filing fee and \$40.00 for recordation of Assignment); and
9. A Return Postcard

are being deposited with United States Postal Service "Express Mail Post Office to Addressee" to the Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Dolly Milleson

Typed or Printed Name

Dolly Milleson

Signature

A-103497